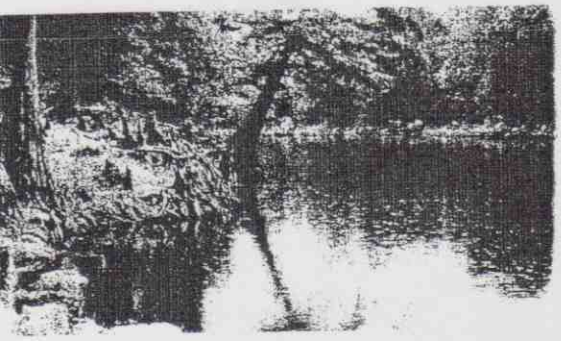

SOUTHEAST ENVIRONMENTAL SOLUTIONS, INC.

801 NORTH PARK ROAD
PLANT CITY, FLORIDA 33563-3956
Tel: (813) 752-1289
Fax: (813) 757-0721
E-mail: Solutions@sesi.cc

RECEIVED
SEP 24 2007
SUMTER COUNTY
PLANNING & DEVELOPMENT

Sept 19, 2007

Department of Environmental Protection
Wastewater Compliance Evaluation Section
MS 3551
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400

Attention: Ms. Vicki Calligan

Reference: Florida Crushed Stone Company - St. Catherine Mine
Discharge Water Monitoring Report
Industrial Wastewater Permit # FL0135372-004-IW3S
Discharge Outfalls 001 and 002

Dear Ms. Calligan:

Enclosed please find the August 2007 discharge monitoring report for the above referenced permit.

There was **NO** discharge from either Outfall 001 or Outfall 002 during August.

Should you have any questions on this matter, please do not hesitate to contact me.

Sincerely,

R. Fred Crabill

R. Fred Crabill, CFEA, LEP
Vice President

Attachments
cc: B. Campbell - Rinker
J. Koepke - Rinker
M. Stephens - The Colinas Group
J. Womble - FDEP
R. Rogers - Sumter County
file: 0598A

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A DRAFT

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Florida Crushed Stone Company
MAILING ADDRESS: 100 Lem Carnes Road
Davenport, Florida 33837

FACILITY: St. Catherine's Mine
LOCATION: 3919 County Road 673
Bushnell, FL 33513

COUNTY: Sumter

PERMIT NUMBER FL0135372

LIMIT: Final
CLASS SIZE: Minor

REPORT: Monthly
GROUP: Industrial

MONITORING GROUP NUMBER: D-001
MONITORING GROUP DESC: Inactive Quarry No. 1

NO DISCHARGE FROM SITE: [X]
MONITORING PERIOD From: 8/01/07 To 8/31/07

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-1	Permit Requirement	Report (Mo.Avg.)	Report (Max.)	MGD						Continuous	Calculated
pH	Sample Measurement										
PARM Code 00400 1 Mon. Site No. EFF-1	Permit Requirement					6.0 (Min.)	8.5 (Max.)	SU		Monthly, When Discharging	Instantaneous
Turbidity	Sample Measurement										
PARM Code 00070 1 Mon. Site No. EFF-1	Permit Requirement						29 (Max.)	NTU		Monthly, When Discharging	Instantaneous
Specific Conductance	Sample Measurement										
PARM Code 00095 1 Mon. Site No. EFF-1	Permit Requirement						1275 (Max.)	UMHO/CM		Monthly, When Discharging	Instantaneous
Temperature (C), Water	Sample Measurement										
PARM Code 00010 1 Mon. Site No. EFF-1	Permit Requirement						Report (Max.)	DEG.C		Monthly, When Discharging	Instantaneous
Chloride (as Cl)	Sample Measurement										
PARM Code 00940 1 Mon. Site No. EFF-1	Permit Requirement						Report (Max.)	MG/L		Monthly, When Discharging	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
R. Fred Crabill, Vice President	R. Fred Crabill	813-752-1289	07/09/18

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A DRAFT (Continued)

FACILITY: St. Catherine's Mine

MONITORING GROUP NUMBER: D-001
MONITORING PERIOD From: 8/01/07 To 8/31/07

PERMIT NUMBER: FL0135372

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Fluoride, Total (as F)	Sample Measurement										
PARM Code 00951 1 Mon. Site No. EFF-1	Permit Requirement						Report (Max.)	MG/L		Monthly, When Discharging	Grab
Sulfate, Total	Sample Measurement										
PARM Code 00945 1 Mon. Site No. EFF-1	Permit Requirement						Report (Max.)	MG/L		Monthly, When Discharging	Grab
Sodium, Total Recoverable	Sample Measurement										
PARM Code 00923 1 Mon. Site No. EFF-1	Permit Requirement						Report (Max.)	MG/L		Monthly, When Discharging	Grab
Aluminum, Total Recoverable	Sample Measurement										
PARM Code 01104 1 Mon. Site No. EFF-1	Permit Requirement						Report (Max.)	MG/L		Monthly, When Discharging	Grab
Oil and Grease	Sample Measurement										
PARM Code 00556 1 Mon. Site No. EFF-1	Permit Requirement						5.0 (Max.)	MG/L		Monthly, When Discharging	Grab
Petrol Hydrocarbons,Total Recoverable	Sample Measurement										
PARM Code 45501 1 Mon. Site No. EFF-1	Permit Requirement						Report (Max.)	UG/L		Monthly, When Discharging	Grab
Lead, Total Recoverable (effluent)	Sample Measurement										
PARM Code 01114 1 Mon. Site No. EFF-1	Permit Requirement						Report (Day.Max.)	UG/L		Monthly, When Discharging	Grab
Lead, Total Recoverable (calculated limit)	Sample Measurement										
PARM Code 01114 P Mon. Site No. EFF-1	Permit Requirement						Report (Day.Max.)	UG/L		Monthly, When Discharging	Calculated
Lead, Total Recoverable (effluent minus calculated limit)	Sample Measurement										
PARM Code 01114 Q Mon. Site No. EFF-1	Permit Requirement						0.00 (Day.Max.)	UG/L		Monthly, When Discharging	Calculated
Hardness, Total (as CaCO3)	Sample Measurement										
PARM Code 00900 1 Mon. Site No. EFF-1	Permit Requirement						Report (Day.Max.)	MG/L		Monthly, When Discharging	Grab

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A DRAFT

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Florida Crushed Stone Company
MAILING ADDRESS: 100 Lem Carnes Road
Davenport, Florida 33837

FACILITY: St. Catherine's Mine
LOCATION: 3919 County Road 673
Bushnell, FL 33513

COUNTY: Sumter

PERMIT NUMBER FL0135372

LIMIT: Final
CLASS SIZE: Minor

REPORT: Toxicity
GROUP: Industrial

MONITORING GROUP NUMBER: D-001
MONITORING GROUP DESC: Inactive Quarry No. 1

NO DISCHARGE FROM SITE: [X]
MONITORING PERIOD From: 8/01/07 To 8/31/07

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
LC50 STATRE 96HOUR ACUTE Ceriodaphnia dubia(Routine) PARM Code TAN3B P Mon. Site No. EFF-1	Sample Measurement										
	Permit Requirement				100 (Min.)			PER-CENT		Every Other Month, When Discharging	1 grab/ 24 hour
LC50 STATRE 96HOUR ACUTE Ceriodaphnia dubia(Additional) PARM Code TAN3B Q Mon. Site No. EFF-1	Sample Measurement										
	Permit Requirement				100 (Min.)			PER-CENT		As needed	As required by the permit
LC50 STATRE 96HOUR ACUTE Cyprinella leedsi(Routine) PARM Code TAN6H P Mon. Site No. EFF-1	Sample Measurement										
	Permit Requirement				100 (Min.)			PER-CENT		Every Other Month, When Discharging	1 grab/ 24 hour
LC50 STATRE 96HOUR ACUTE Cyprinella leedsi(Additional) PARM Code TAN6H Q Mon. Site No. EFF-1	Sample Measurement										
	Permit Requirement				100 (Min.)			PER-CENT		As needed	As required by the permit
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

*IF A SECOND DEFINITIVE TEST IS REQUIRED, ENTER THE RESULT IN AN EMPTY ROW.
**ENTER NODI=9 IN THE RESULTS COLUMN IF NO DISCHARGE OCCURRED DURING THIS REPORTING PERIOD.
ENTER NODI=9 IN THE RESULTS COLUMN IF NO DEFINITIVE TESTS ARE REQUIRED.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
R. Fred Crabill, Vice President	R. Fred Crabill	813-752-1289	07/09/18

Version 5/2006

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A DRAFT

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551 , 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Florida Crushed Stone Company
MAILING ADDRESS: 100 Lem Carnes Road
Davenport, Florida 33837

FACILITY: St. Catherine's Mine
LOCATION: 3919 County Road 673
Bushnell, FL 33513

COUNTY: Sumter

PERMIT NUMBER FL0135372

LIMIT: Final
CLASS SIZE: Minor

REPORT: Monthly
GROUP: Industrial

MONITORING GROUP NUMBER: D-002
MONITORING GROUP DESC: Inactive Quarry A (Emergency Only)

NO DISCHARGE FROM SITE: [X]
MONITORING PERIOD From: _8/01/07_____ To __8/31/07_____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-2	Permit Requirement	Report (Mo.Avg.)	Report (Day.Max.)	MGD						Continuous	Calculated
pH	Sample Measurement										
PARM Code 00400 1 Mon. Site No. EFF-2	Permit Requirement					6.0 (Day.Min.)	8.5 (Day.Max.)	SU		Monthly, When Discharging	Instantaneous
Turbidity	Sample Measurement										
PARM Code 00070 1 Mon. Site No. EFF-2	Permit Requirement						29 (Day.Max.)	NTU		Monthly, When Discharging	Instantaneous
Specific Conductance	Sample Measurement										
PARM Code 00095 1 Mon. Site No. EFF-2	Permit Requirement						1275 (Day.Max.)	UMHO/ CM		Monthly, When Discharging	Instantaneous
Temperature (C), Water	Sample Measurement										
PARM Code 00010 1 Mon. Site No. EFF-2	Permit Requirement						Report (Max.)	DEG.C		Monthly, When Discharging	Instantaneous
Chloride (as Cl)	Sample Measurement										
PARM Code 00940 1 Mon. Site No. EFF-2	Permit Requirement						Report (Day.Max.)	MG/L		Monthly, When Discharging	Grab

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
R. Fred Crabill, Vice President	R. Fred Crabill	813-752-1289	07/09/18

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A DRAFT (Continued)

FACILITY: St. Catherine's Mine

MONITORING GROUP NUMBER: D-002
MONITORING PERIOD From: _8/01/07_____ To _8/31/07_____

PERMIT NUMBER: FL0135372

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Fluoride, Total (as F)	Sample Measurement										
PARM Code 00951 1 Mon. Site No. EFF-2	Permit Requirement						Report (Day.Max.)	MG/L		Monthly, When Discharging	Grab
Sulfate, Total	Sample Measurement										
PARM Code 00945 1 Mon. Site No. EFF-2	Permit Requirement						Report (Day.Max.)	MG/L		Monthly, When Discharging	Grab
Sodium, Total Recoverable	Sample Measurement										
PARM Code 00923 1 Mon. Site No. EFF-2	Permit Requirement						Report (Day.Max.)	MG/L		Monthly, When Discharging	Grab
Aluminum, Total Recoverable	Sample Measurement										
PARM Code 01104 1 Mon. Site No. EFF-2	Permit Requirement						Report (Day.Max.)	MG/L		Monthly, When Discharging	Grab
Lead, Total Recoverable (effluent)	Sample Measurement										
PARM Code 01114 1 Mon. Site No. EFF-2	Permit Requirement						Report (Day.Max.)	UG/L		Monthly, When Discharging	Grab
Lead, Total Recoverable (calculated limit)	Sample Measurement										
PARM Code 01114 P Mon. Site No. EFF-2	Permit Requirement						Report (Day.Max.)	UG/L		Monthly, When Discharging	Calculated
Lead, Total Recoverable (effluent minus calculated limit)	Sample Measurement										
PARM Code 01114 Q Mon. Site No. EFF-2	Permit Requirement						0.00 (Day.Max.)	UG/L		Monthly, When Discharging	Calculated
Hardness, Total (as CaCO3)	Sample Measurement										
PARM Code 00900 1 Mon. Site No. EFF-2	Permit Requirement						Report (Day.Max.)	MG/L		Monthly, When Discharging	Grab
Oil and Grease	Sample Measurement										
PARM Code 00556 1 Mon. Site No. EFF-2	Permit Requirement						5.0 (Day.Max.)	MG/L		Monthly, When Discharging	Grab
Petrol Hydrocarbons,Total Recoverable	Sample Measurement										
PARM Code 45501 1 Mon. Site No. EFF-2	Permit Requirement						Report (Day.Max.)	UG/L		Monthly, When Discharging	Grab

Version 5/2006

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A DRAFT

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551 , 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Florida Crushed Stone Company
MAILING ADDRESS: 100 Lem Carnes Road
Davenport, Florida 33837

PERMIT NUMBER FL0135372

LIMIT: Final
CLASS SIZE: Minor

REPORT: Toxicity
GROUP: Industrial

FACILITY: St. Catherine's Mine
LOCATION: 3919 County Road 673
Bushnell, FL 33513

MONITORING GROUP NUMBER: D-002
MONITORING GROUP DESC: Inactive Quarry A

COUNTY: Sumter

NO DISCHARGE FROM SITE: X
MONITORING PERIOD From: _8/1/07_____ To _8/31/07_____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
LC50 STATRE 96HOUR ACUTE Ceriodaphnia dubia(Routine) PARM Code TAN3B P Mon. Site No.EFF-2	Sample Measurement										
	Permit Requirement				100 (Min.)			PER-CENT		Every Other Month, When Discharging	1 grab/ 24 hour
LC50 STATRE 96HOUR ACUTE Ceriodaphnia dubia(Additional) PARM Code TAN3B Q Mon. Site No. EFF-2	Sample Measurement										
	Permit Requirement				100 (Min.)			PER-CENT		As needed	As required by the permit
LC50 STATRE 96HOUR ACUTE Cyprinella leedsi(Routine) PARM Code TAN6H P Mon. Site No. EFF-2	Sample Measurement										
	Permit Requirement				100 (Min.)			PER-CENT		Every Other Month, When Discharging	1 grab/ 24 hour
LC50 STATRE 96HOUR ACUTE Cyprinella leedsi(Additional) PARM Code TAN6H Q Mon. Site No. EFF-2	Sample Measurement										
	Permit Requirement				100 (Min.)			PER-CENT		As needed	As required by the permit
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

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ENTER NODI=9 IN THE RESULTS COLUMN IF NO DEFINITIVE TESTS ARE REQUIRED.

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R. Fred Crabill, Vice President	R. Fred Crabill	813-752-1289	07/09/18

Version 5/2006